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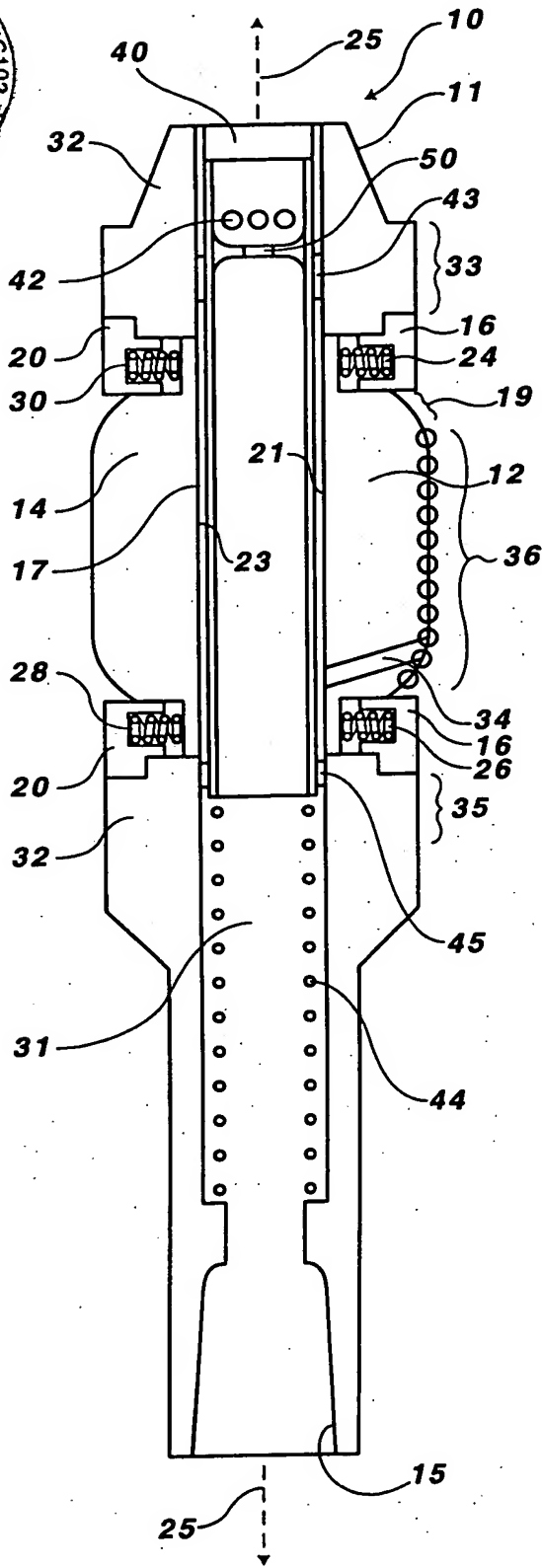


FIG. 1A

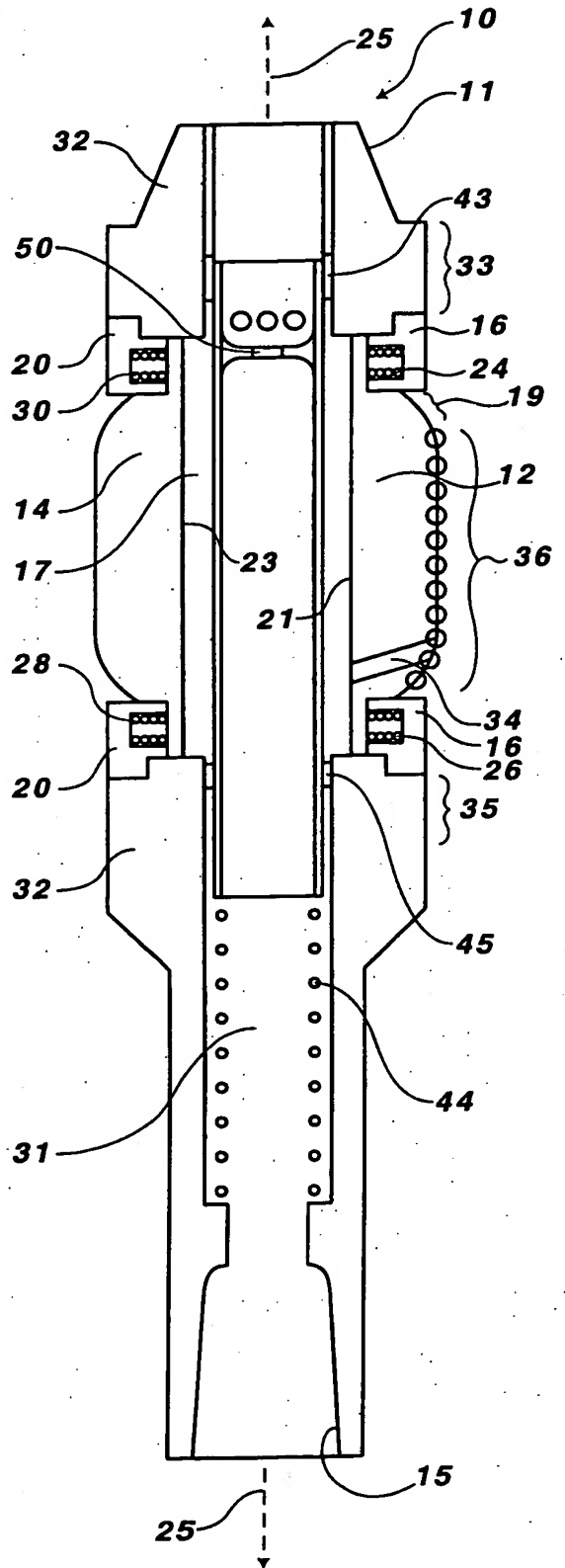


FIG. 1B

TITLE: EXPANDABLE REAMER APPARATUS FOR ENLARGING  
BOREHOLES WHILE DRILLING AND METHODS OF USE

Inventor: Radford et. al.  
Serial No.: 10/624,952  
Docket No.: 1684-5323.1US

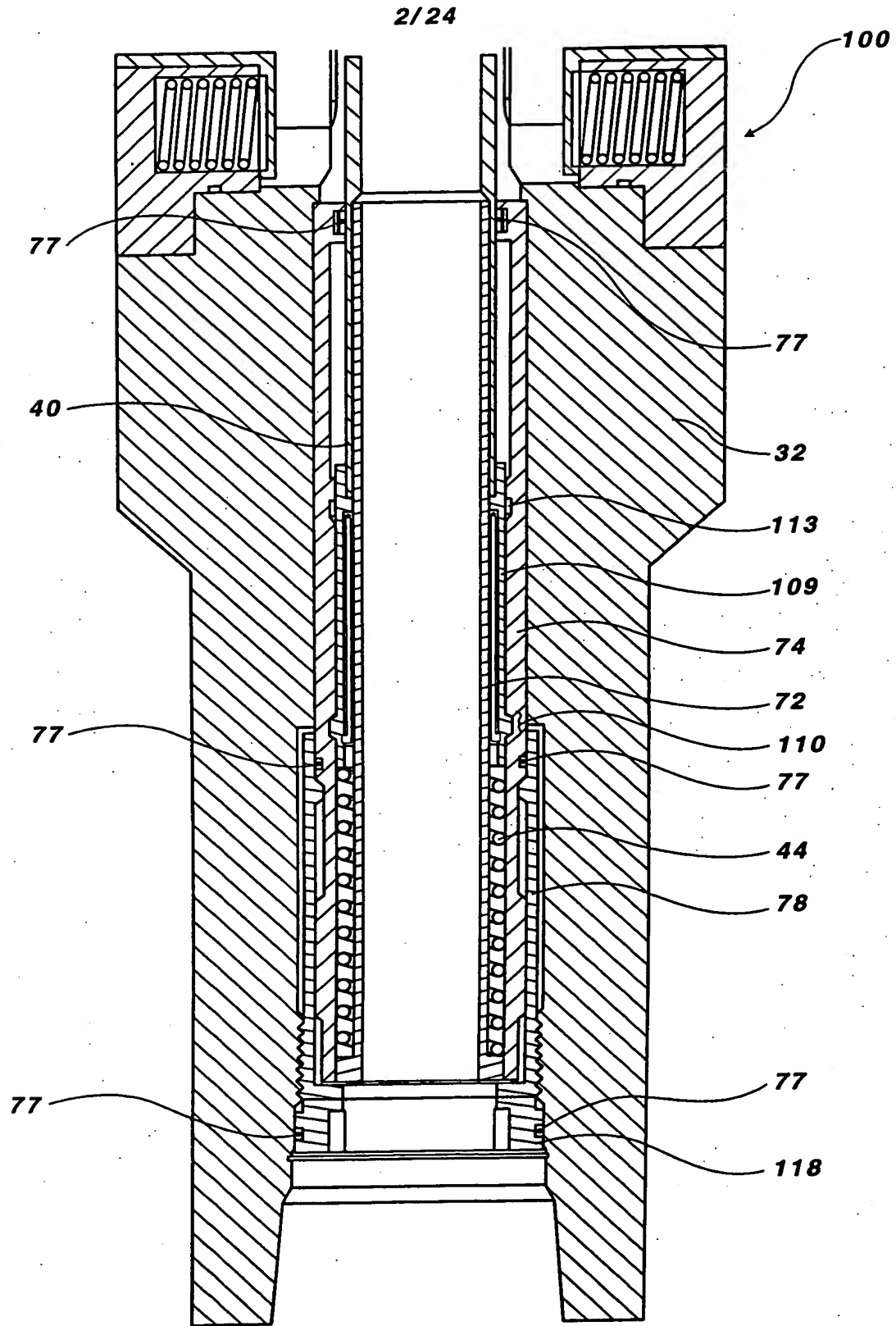
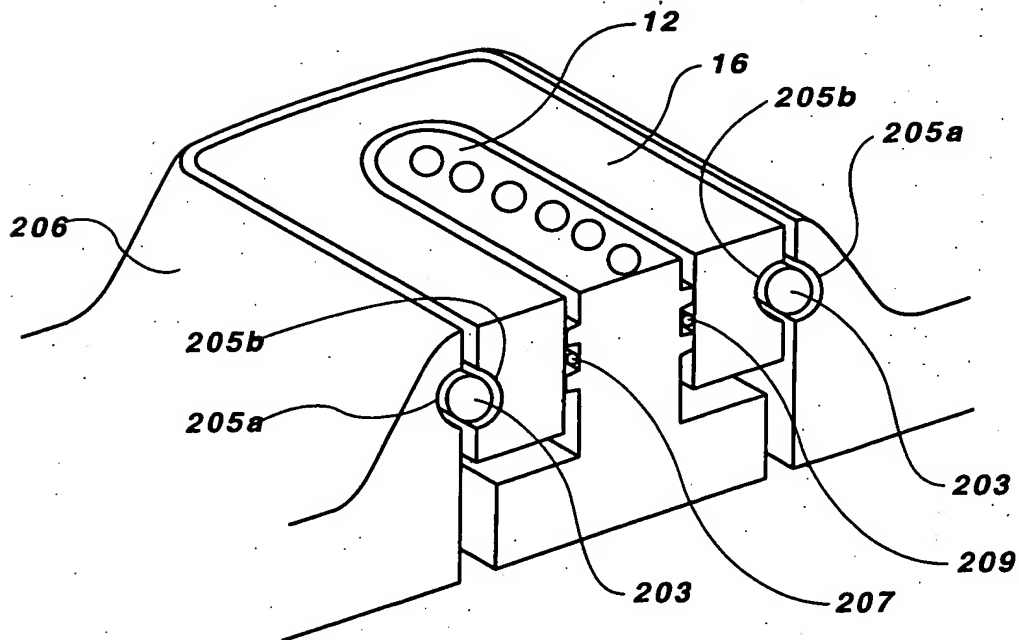
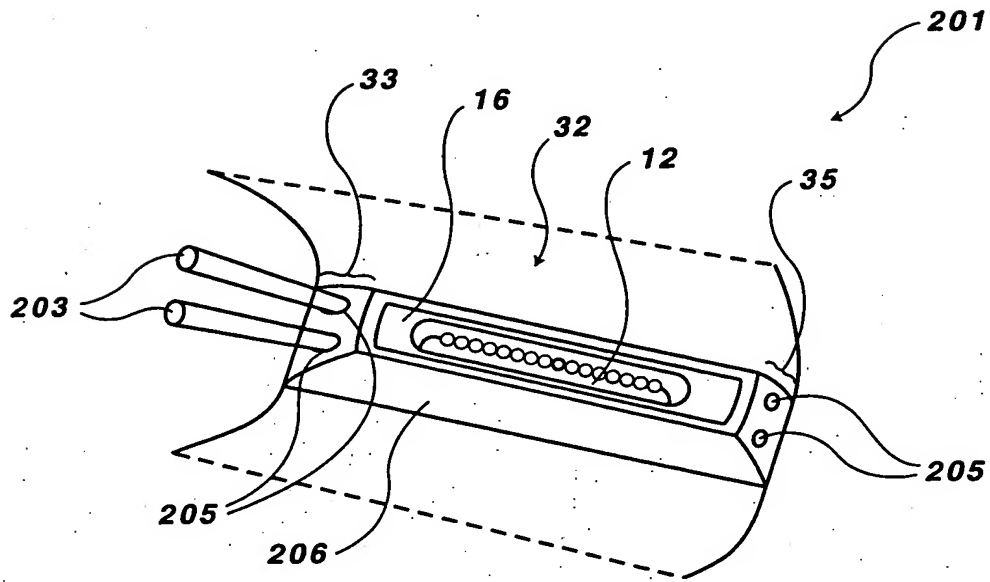


FIG. 1C

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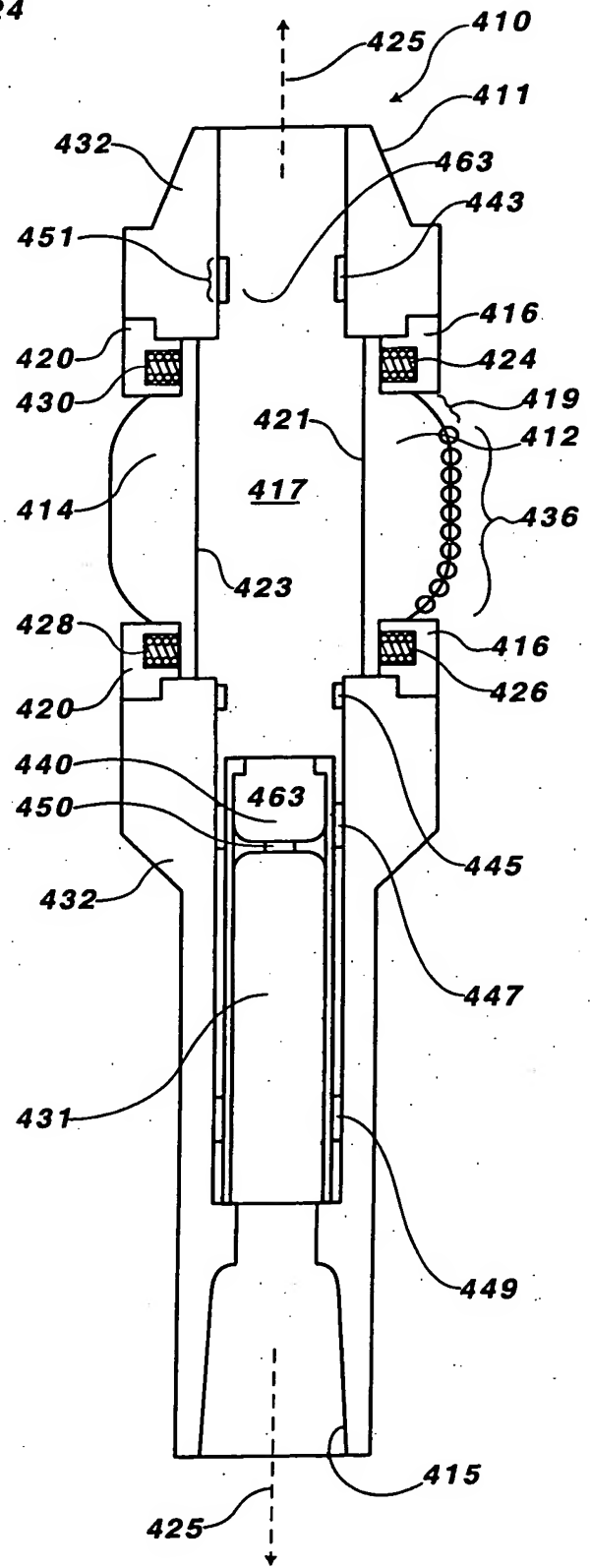
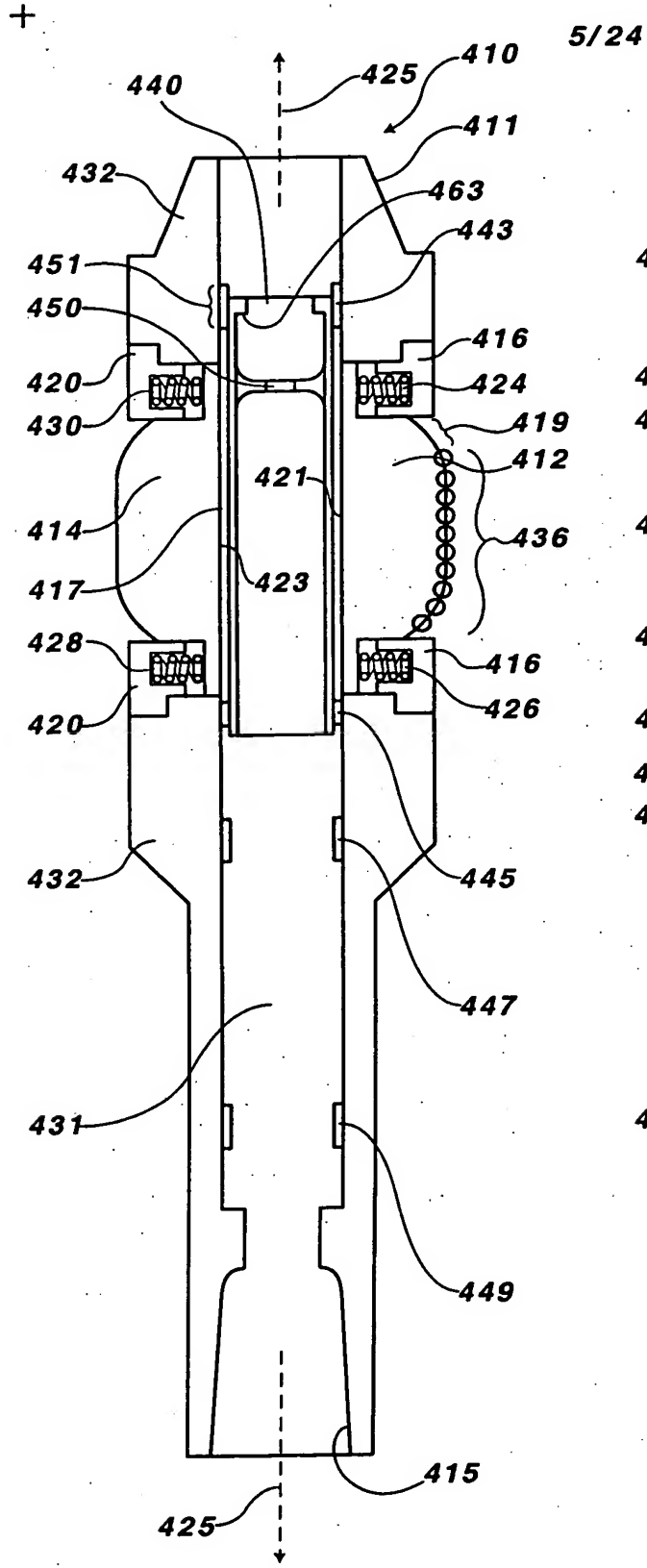
**FIG. 1 E**

TITLE: EXPANDABLE REAMER APPARATUS FOR ENLARGING  
BOREHOLES WHILE DRILLING AND METHODS OF USE

Inventor: Radford et. al.

Serial No.: 10/624,952

Docket No.: 1684-5323.1US



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BOREHOLES WHILE DRILLING AND METHODS OF USE

Inventor: Radford et. al.

Serial No.: 10/624,952

Docket No.: 1684-5323.1US

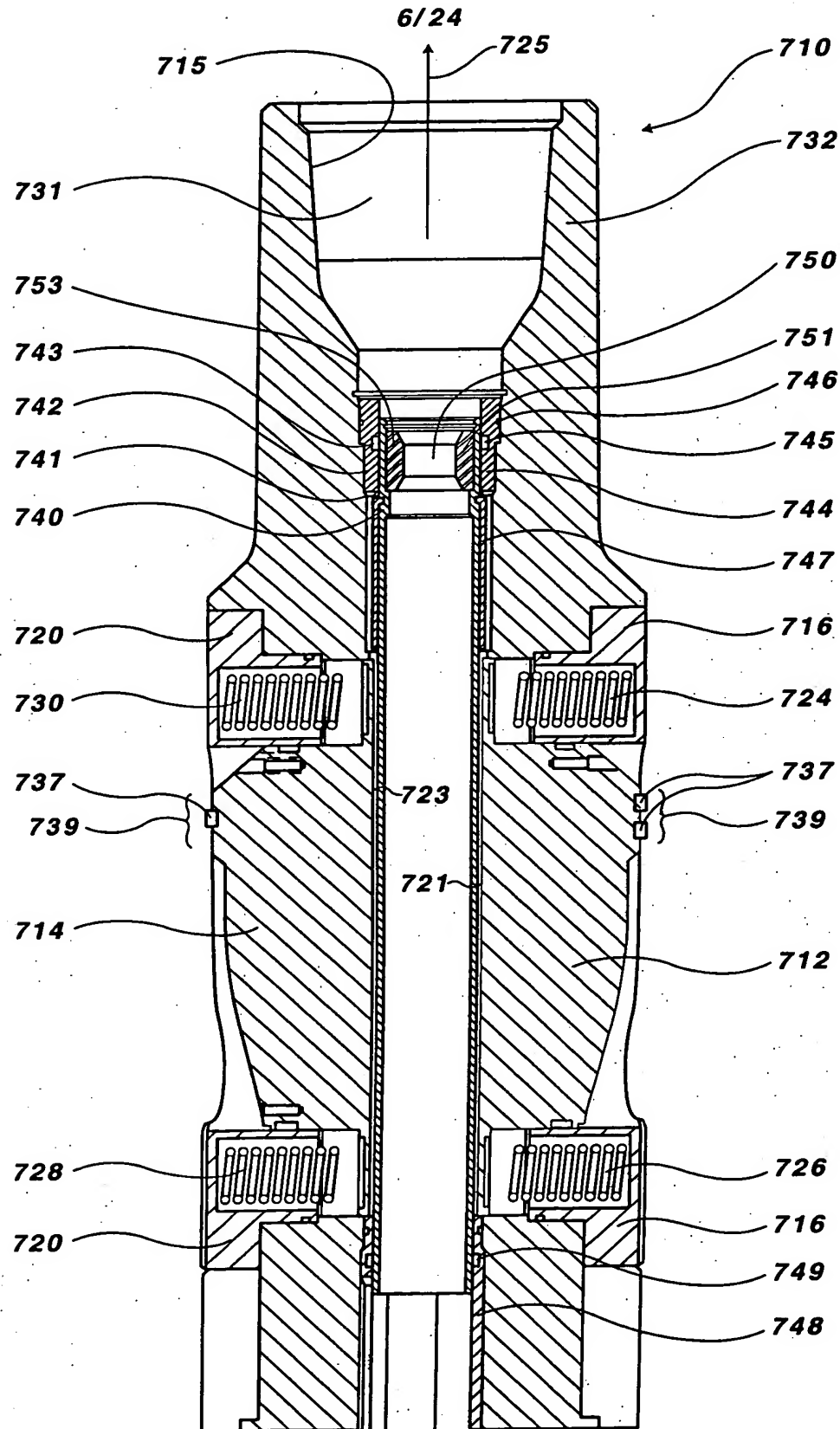


FIG. 1H

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TITLE: EXPANDABLE REAMER APPARATUS FOR ENLARGING  
BOREHOLES WHILE DRILLING AND METHODS OF USE

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Docket No.: 1684-5323.1US

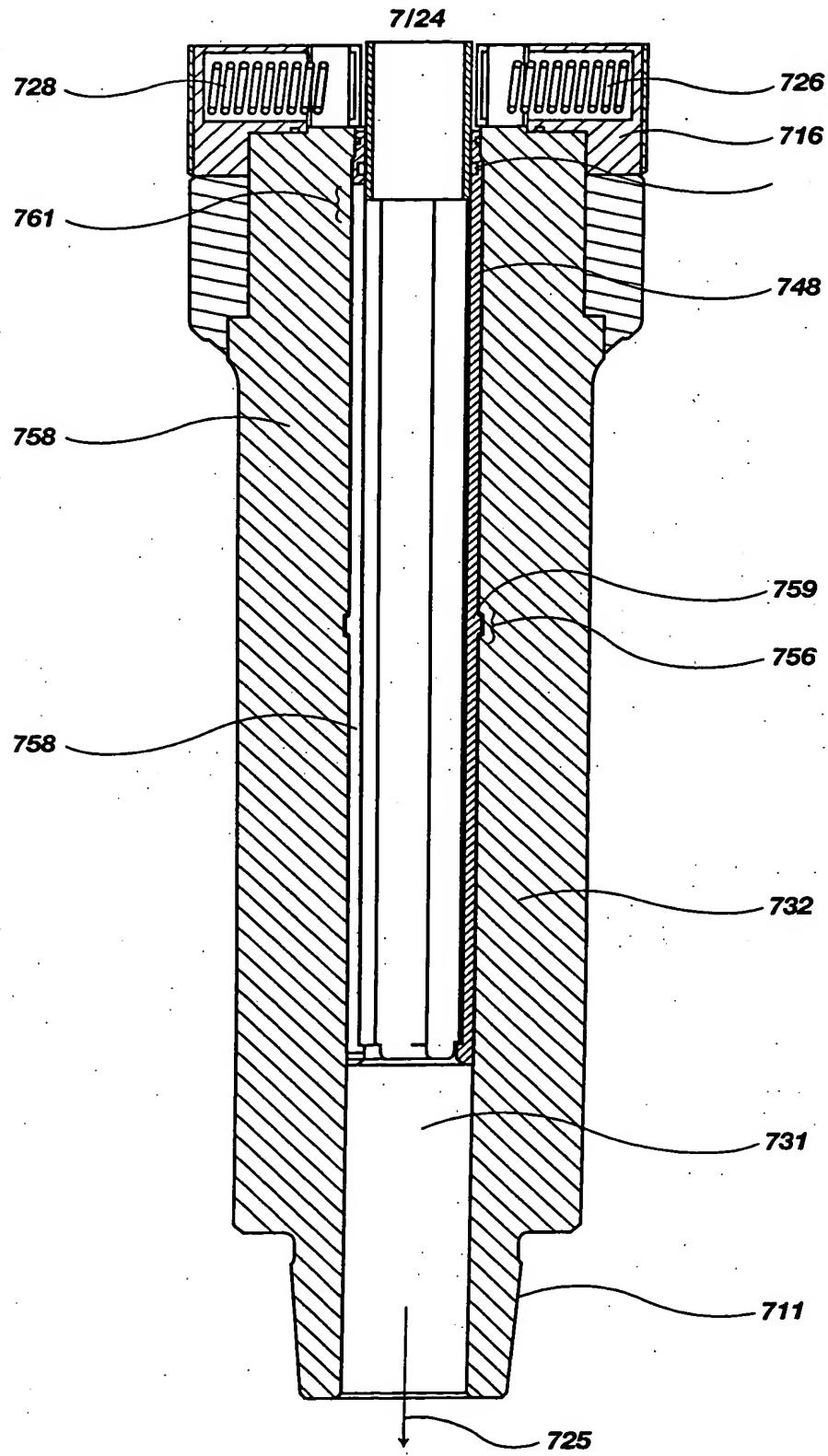


FIG. 11

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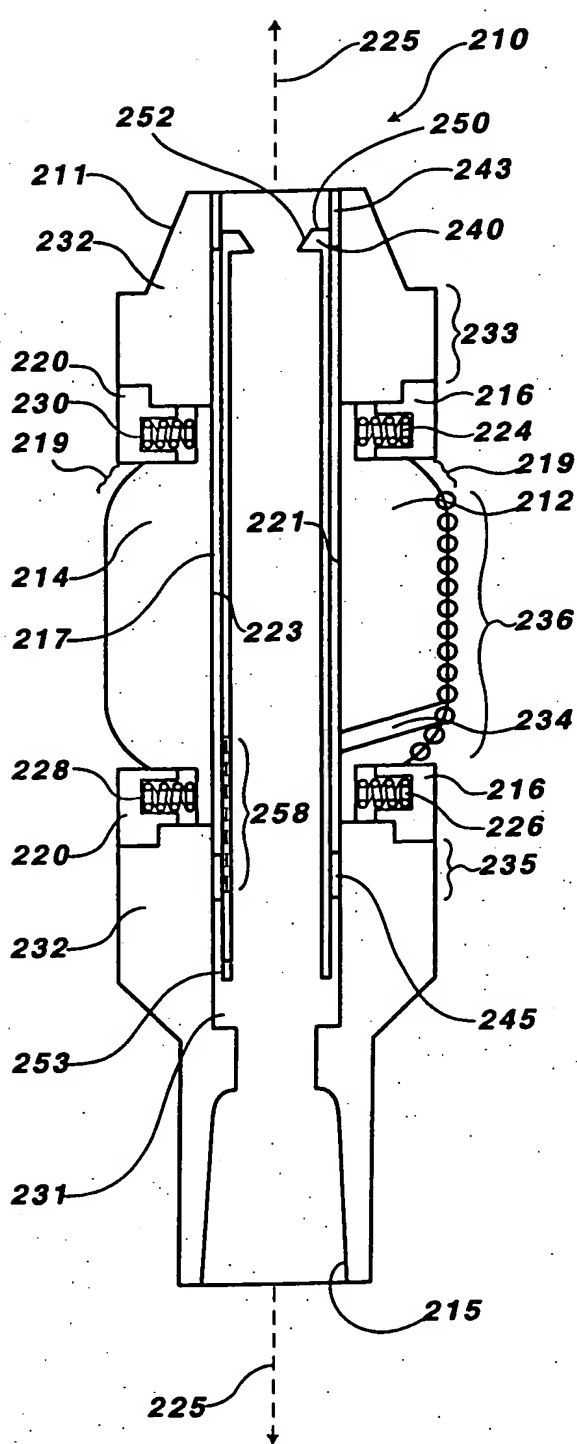


FIG. 2A

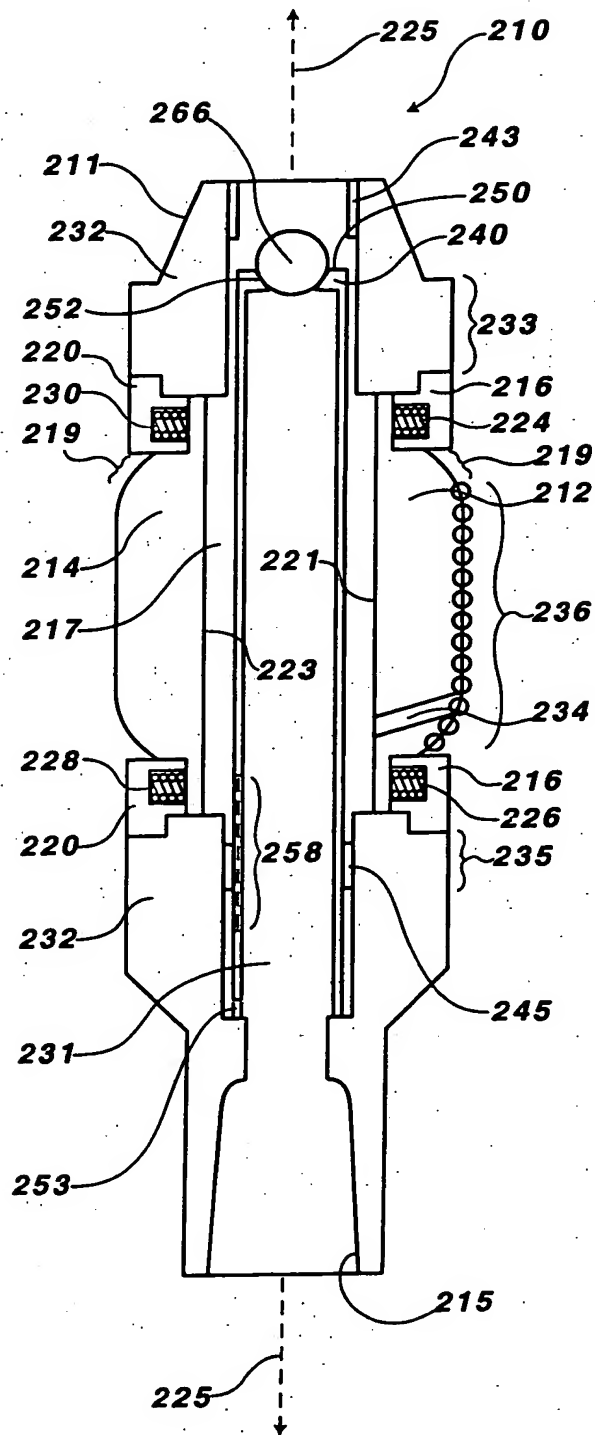


FIG. 2B

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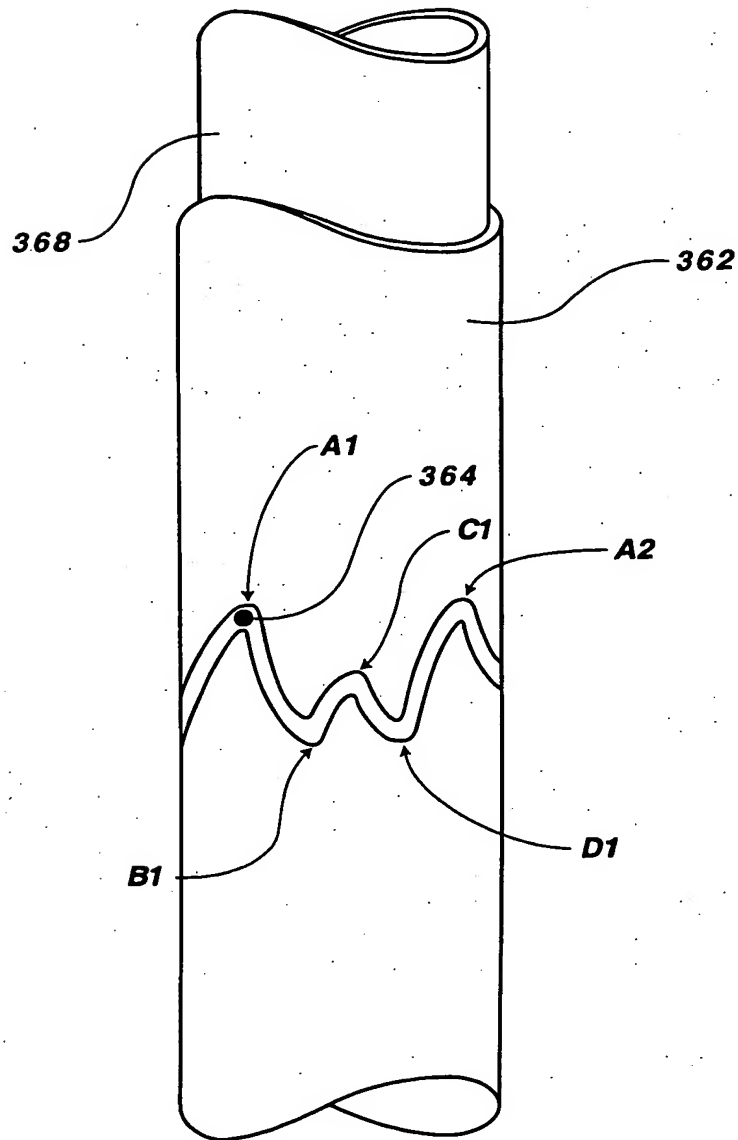


FIG. 3

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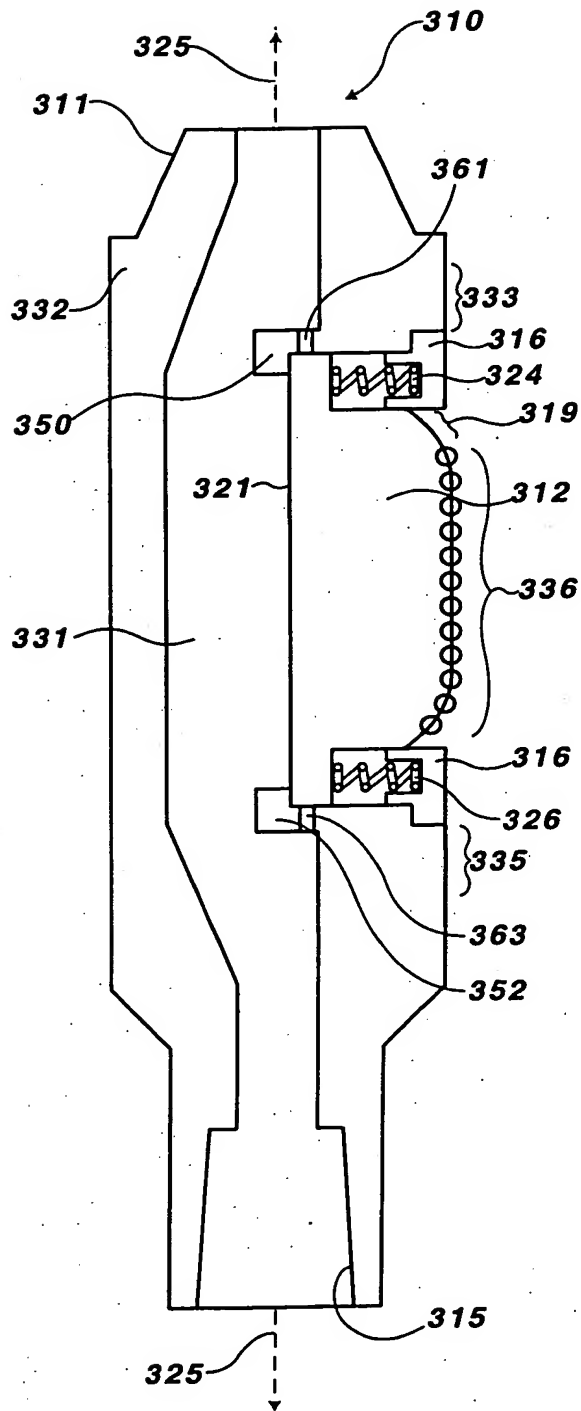


FIG. 4A

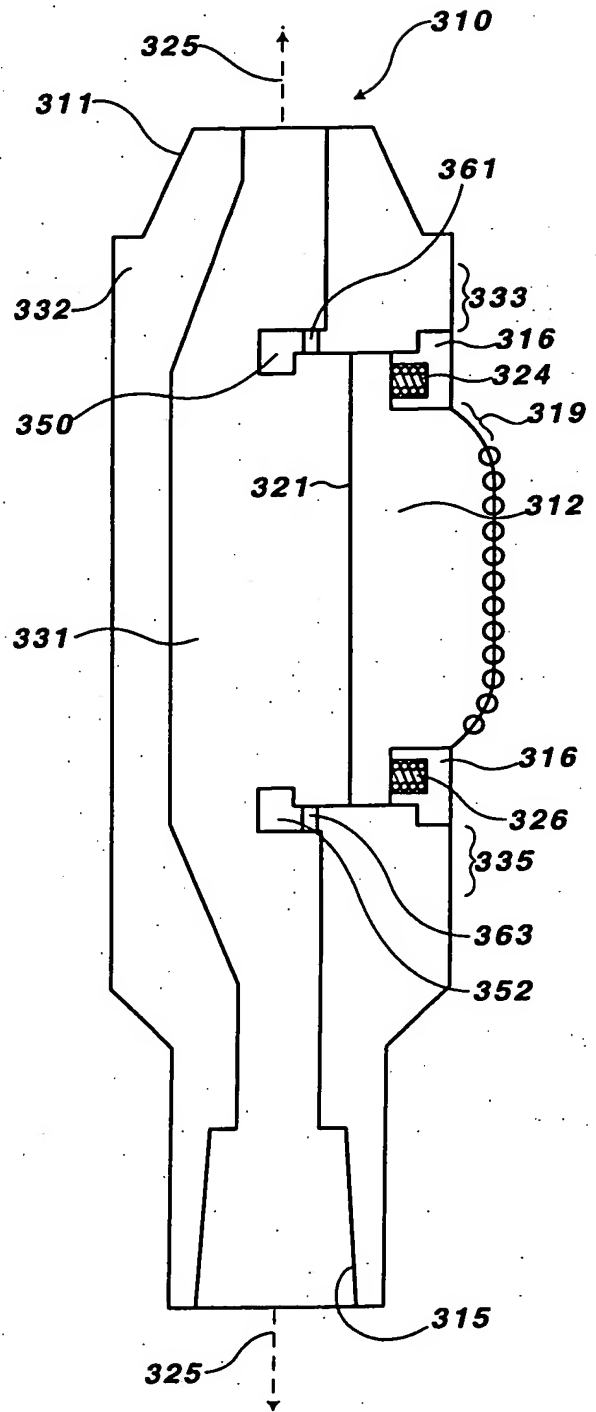
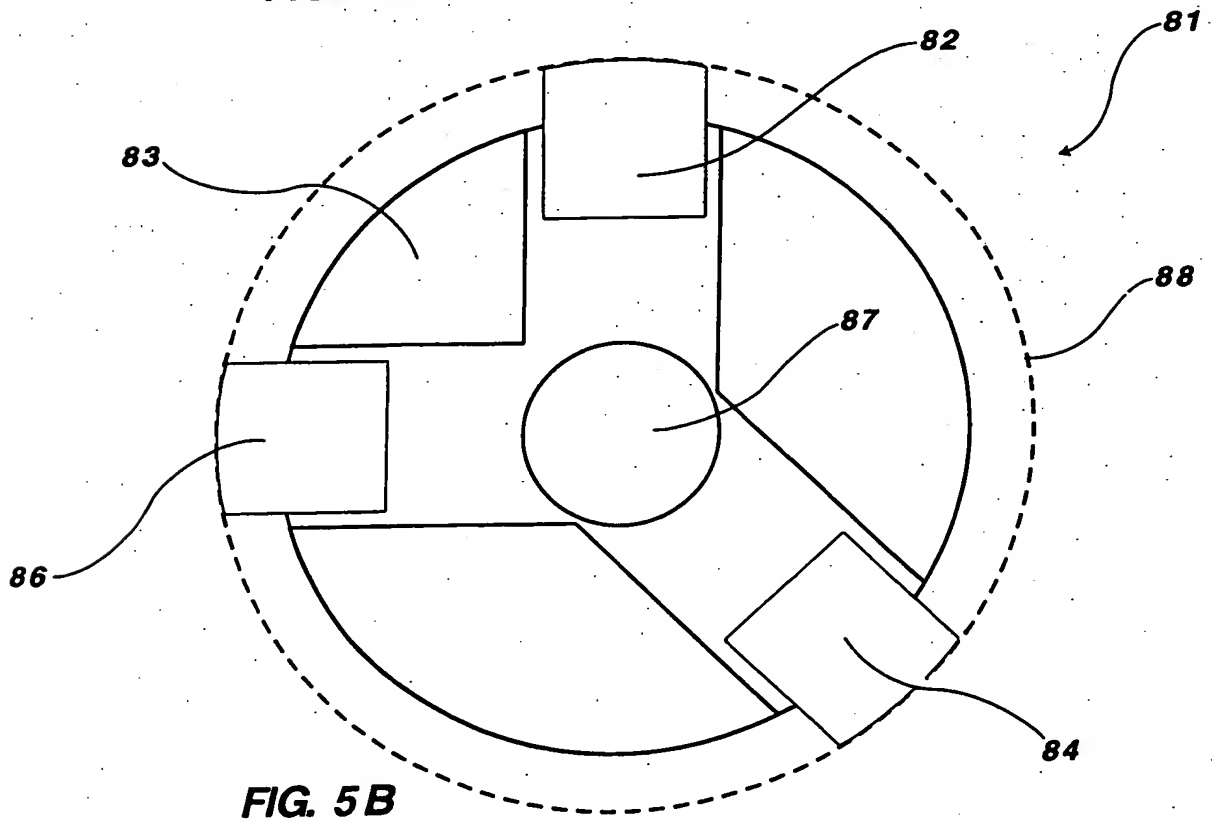
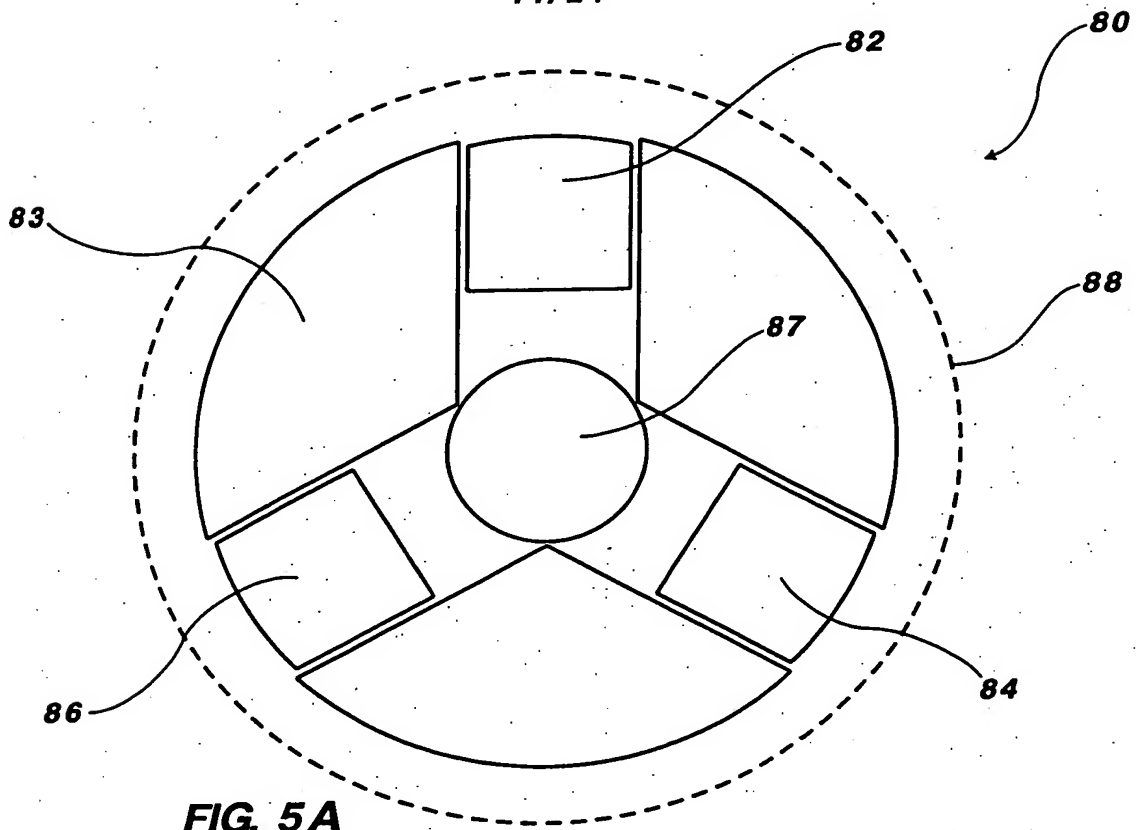


FIG. 4A

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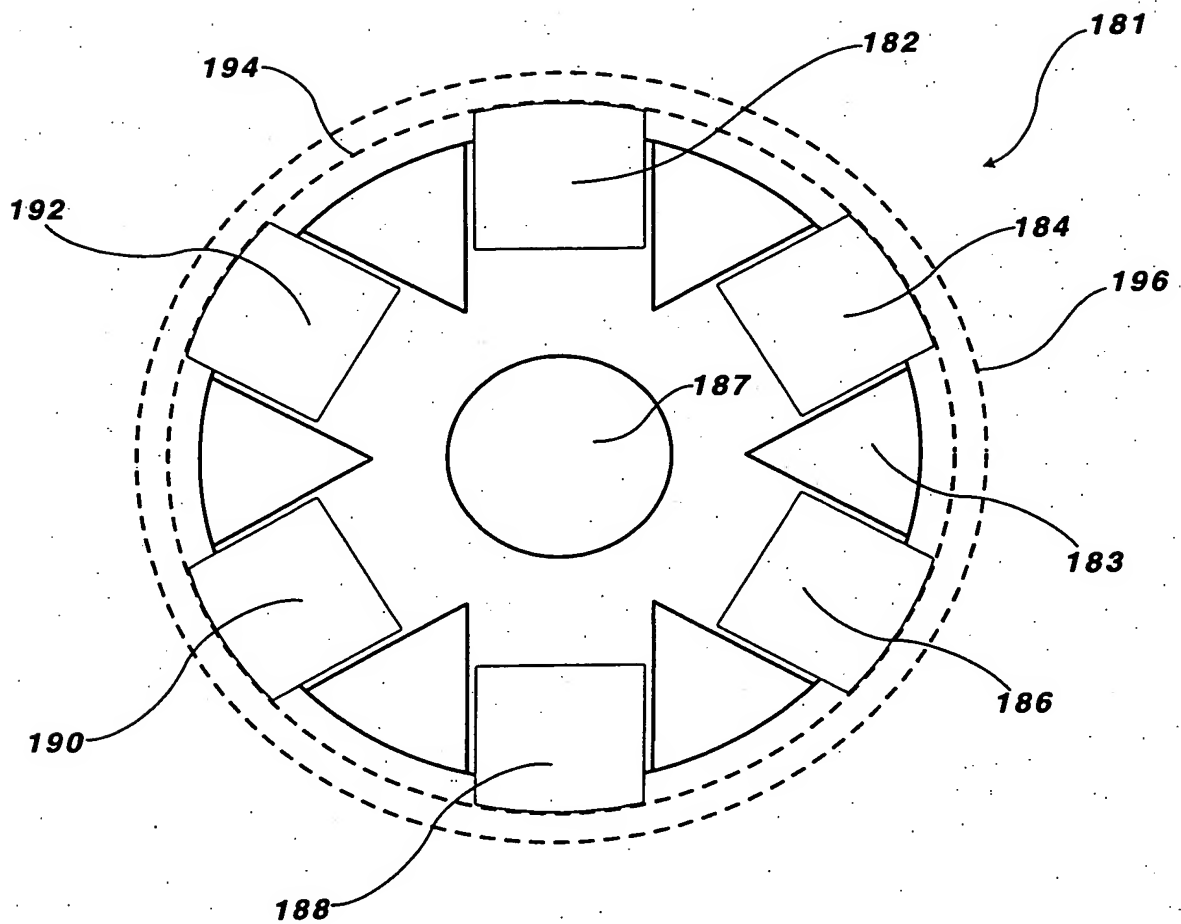
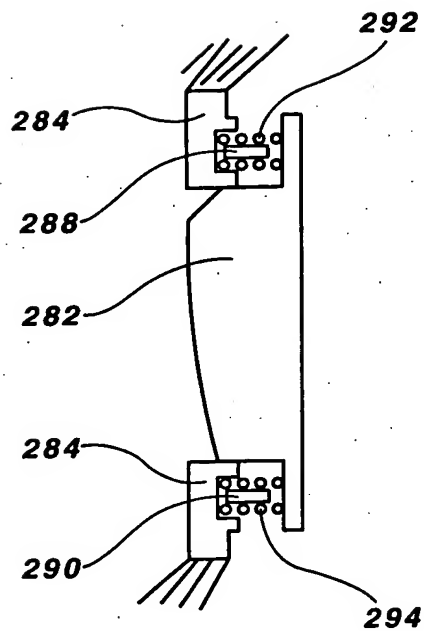


FIG. 5C

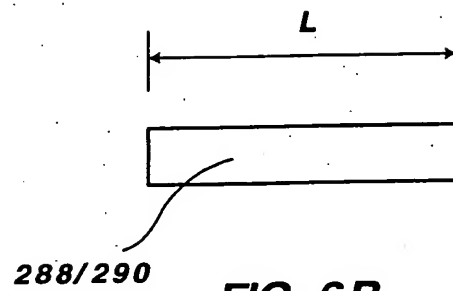
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**FIG. 6A**



**FIG. 6B**

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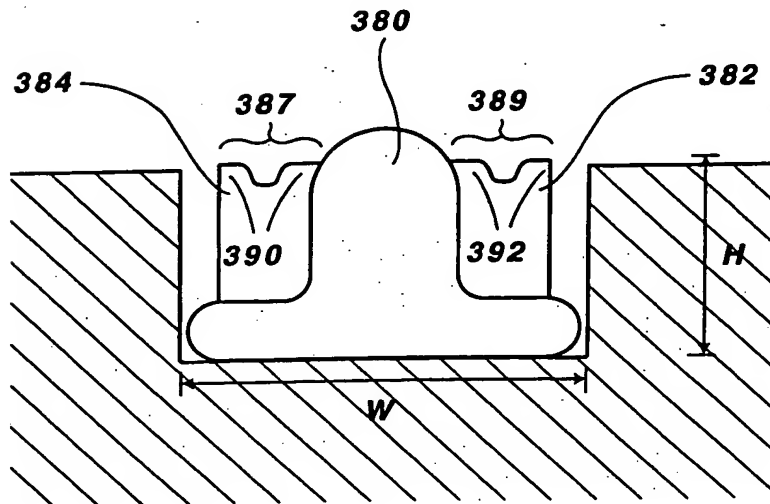


FIG. 7A

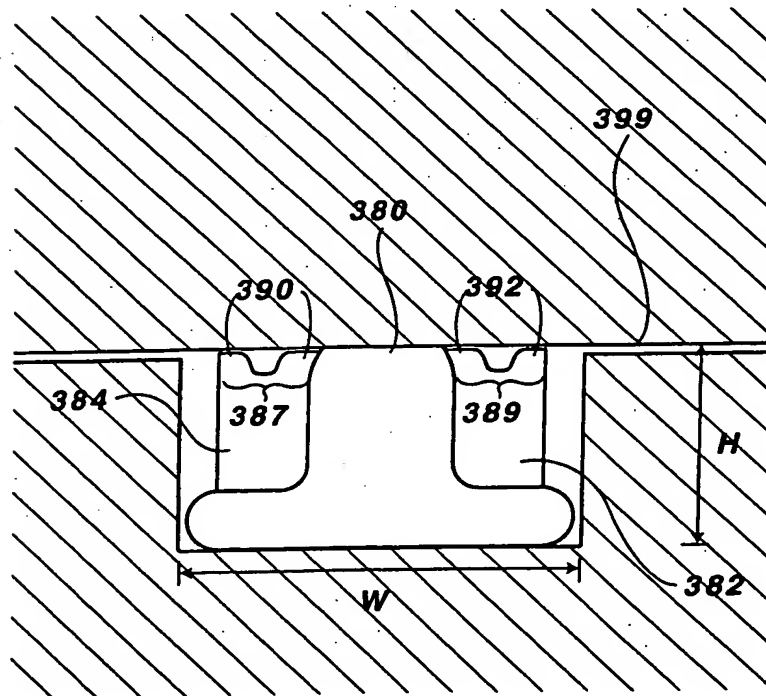


FIG. 7B



**FIG. 8A**

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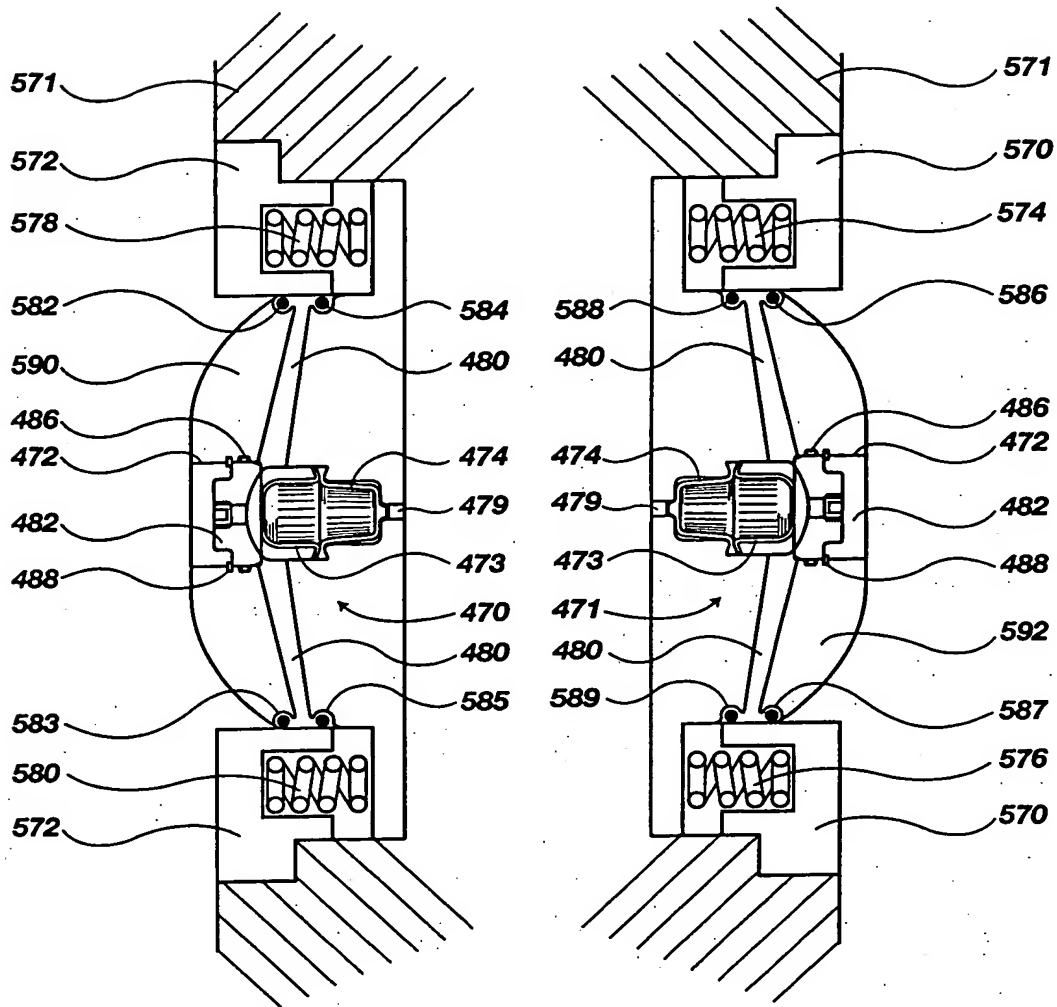


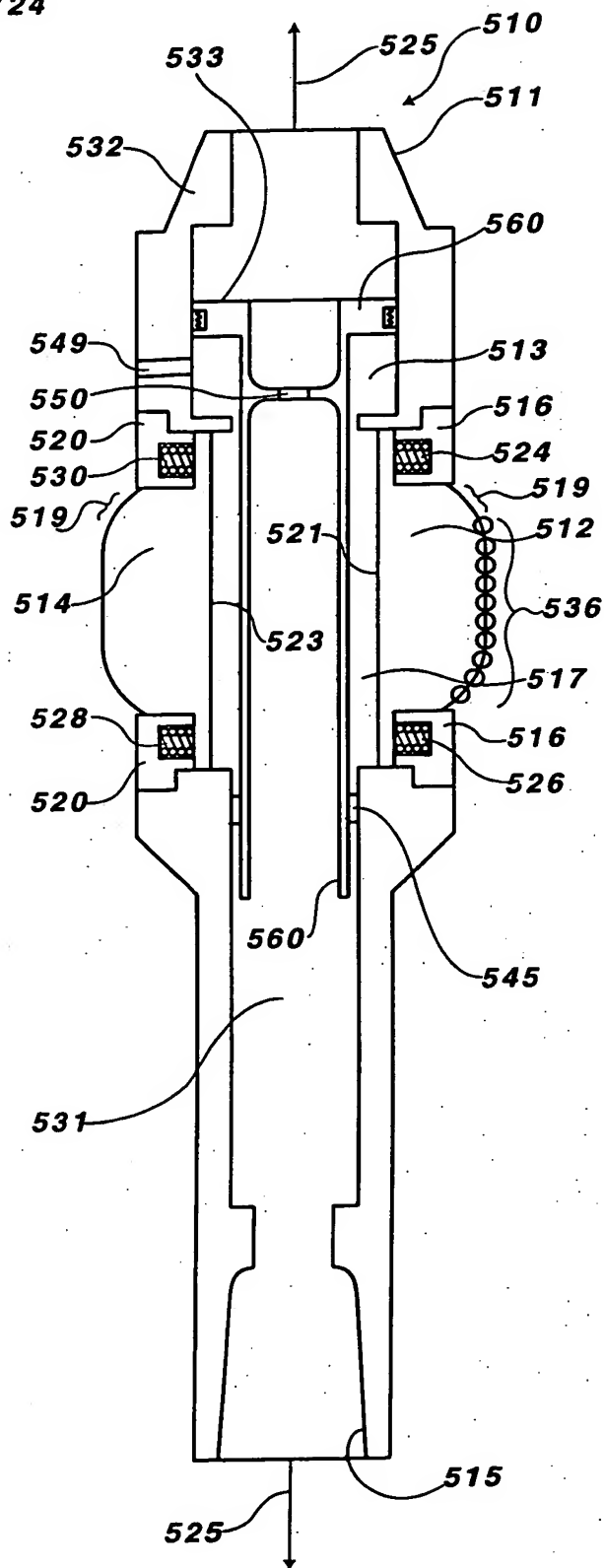
FIG. 8B



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**FIG. 9A**

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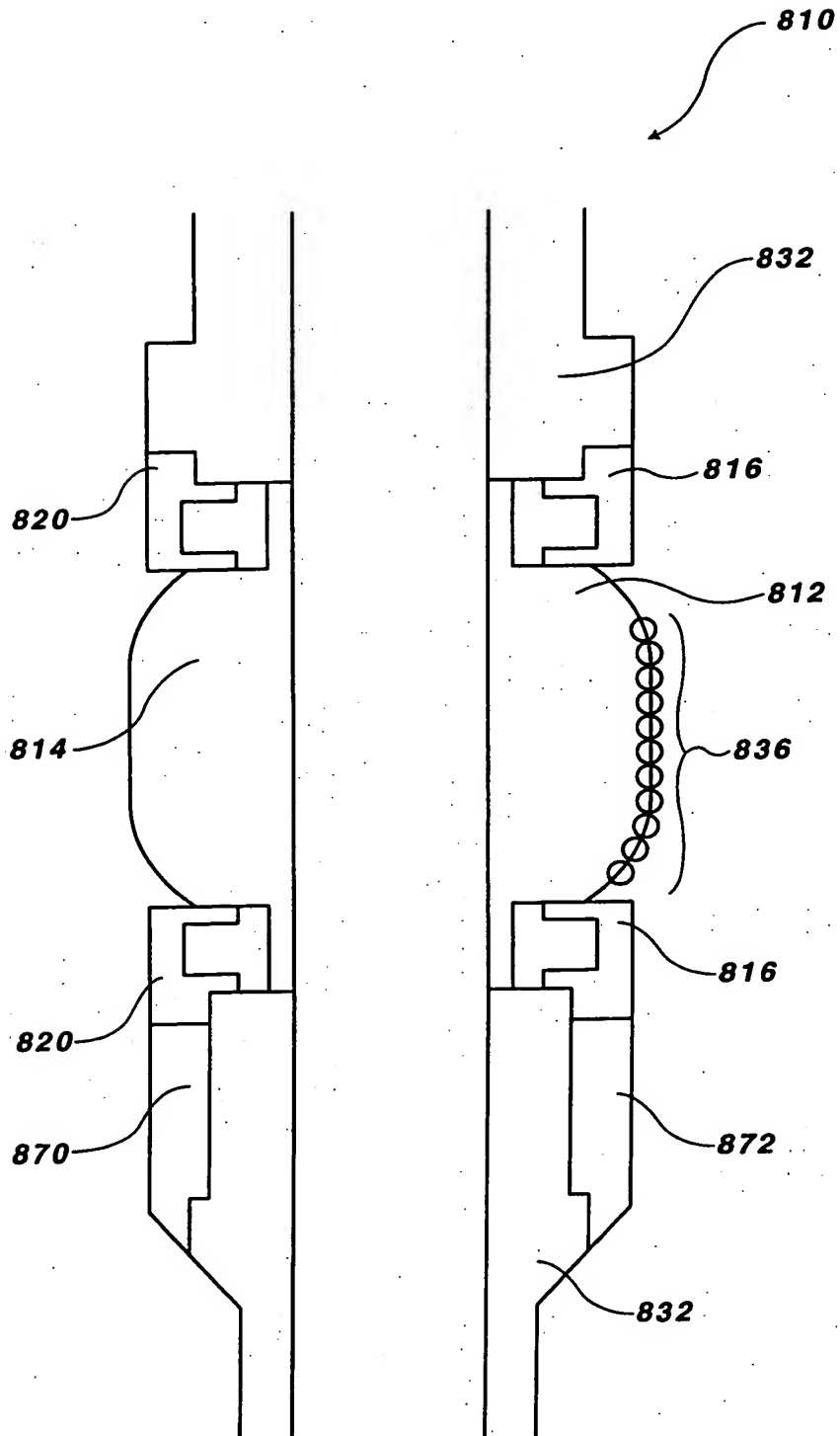
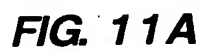


FIG. 10



TITLE: EXPANDABLE REAMER APPARATUS FOR ENLARGING  
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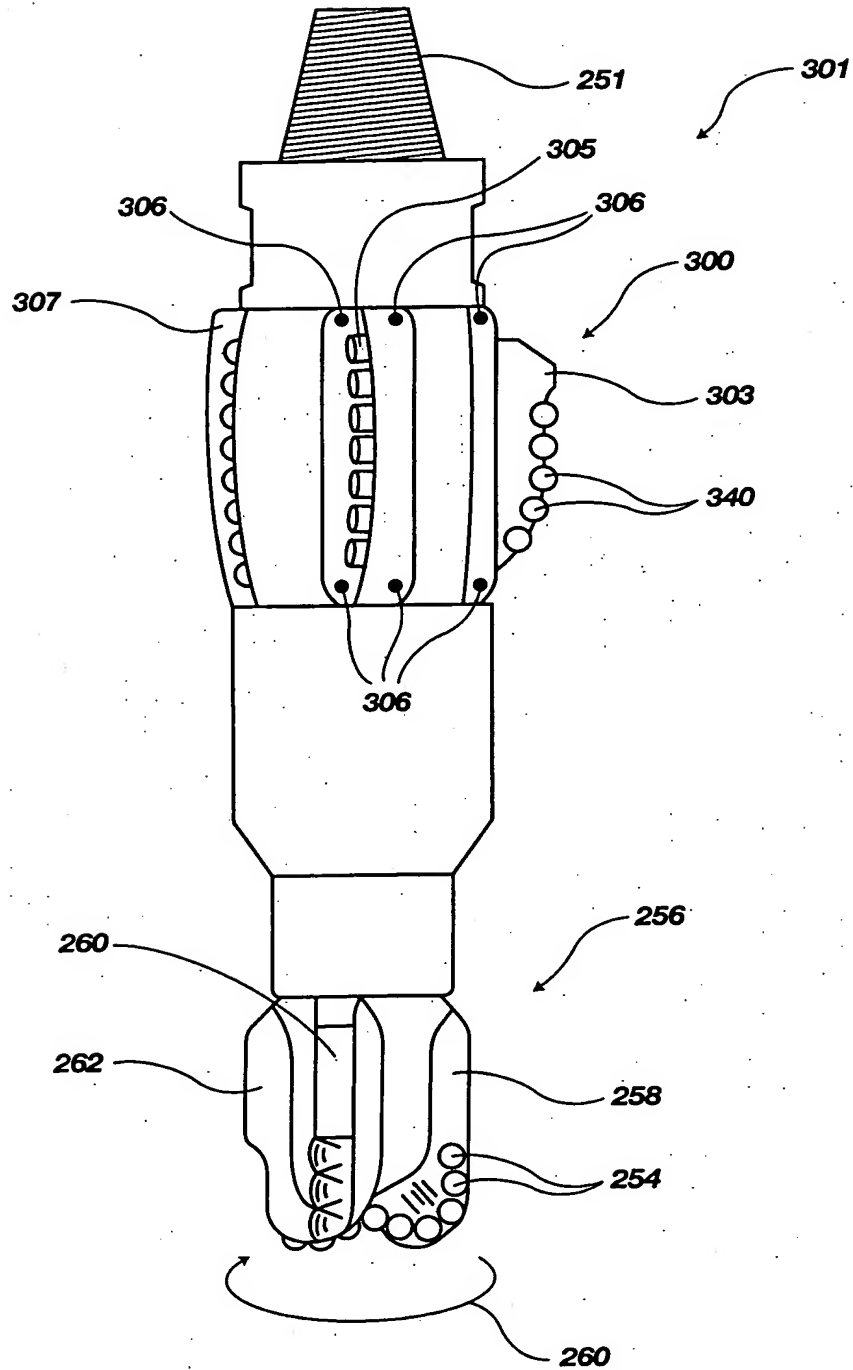


FIG. 11B

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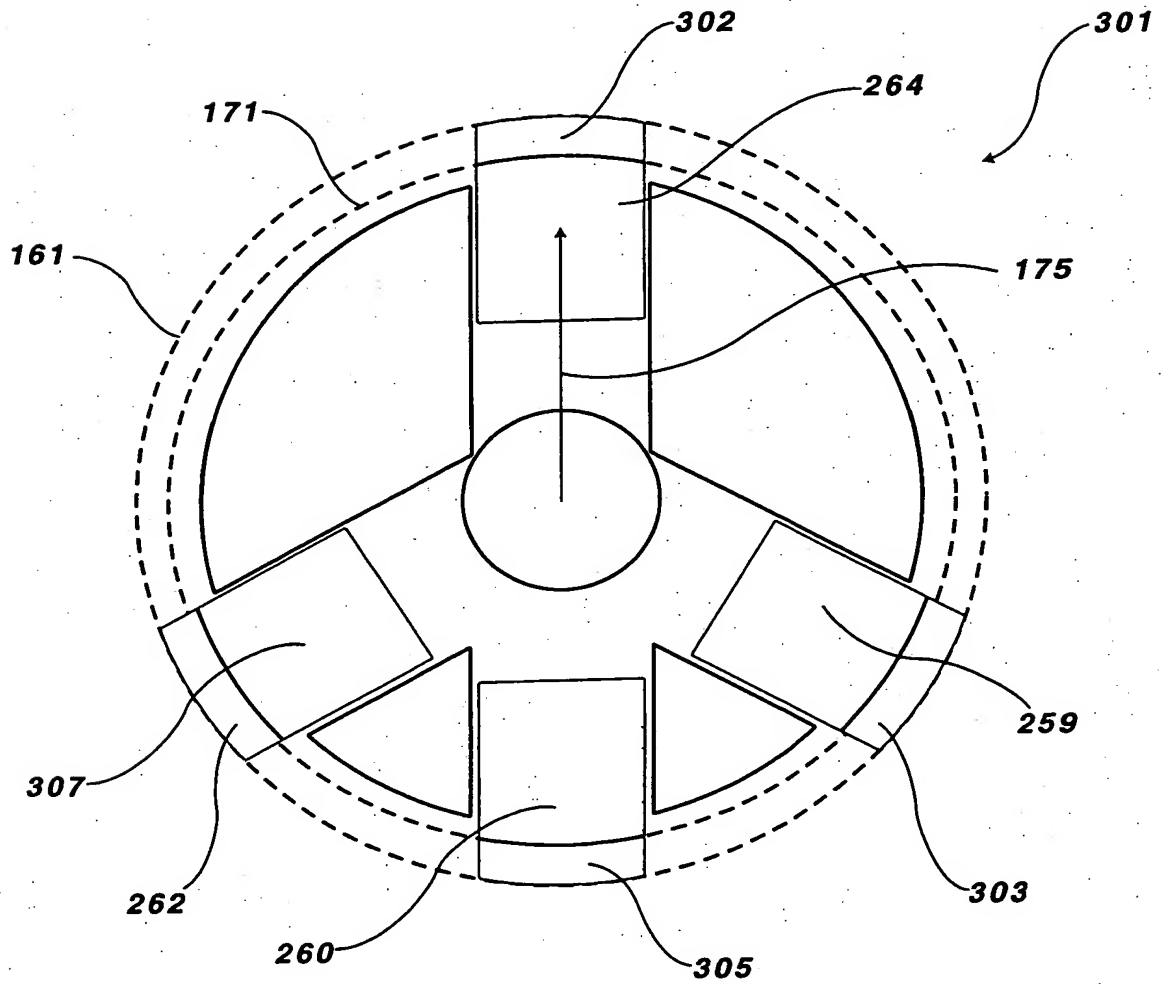
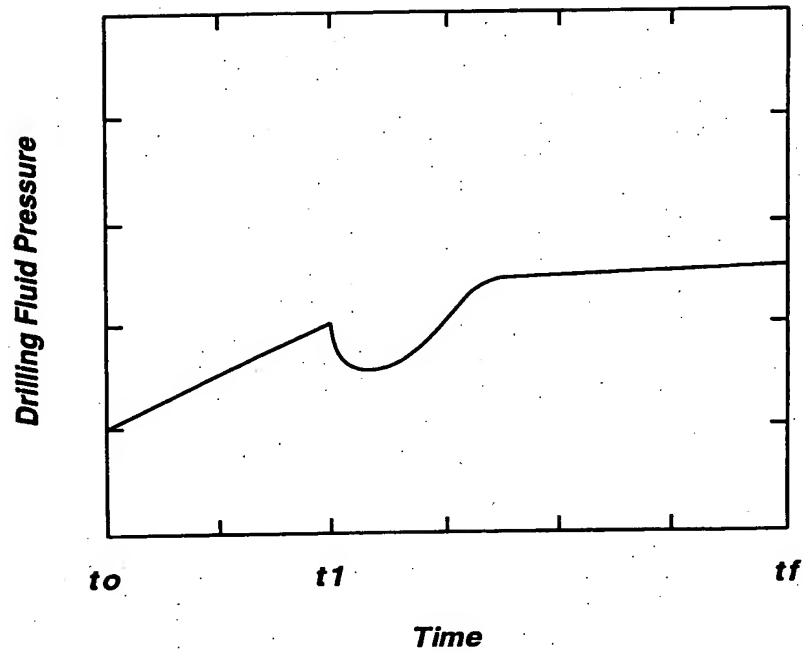


FIG. 11C

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**FIG. 12**

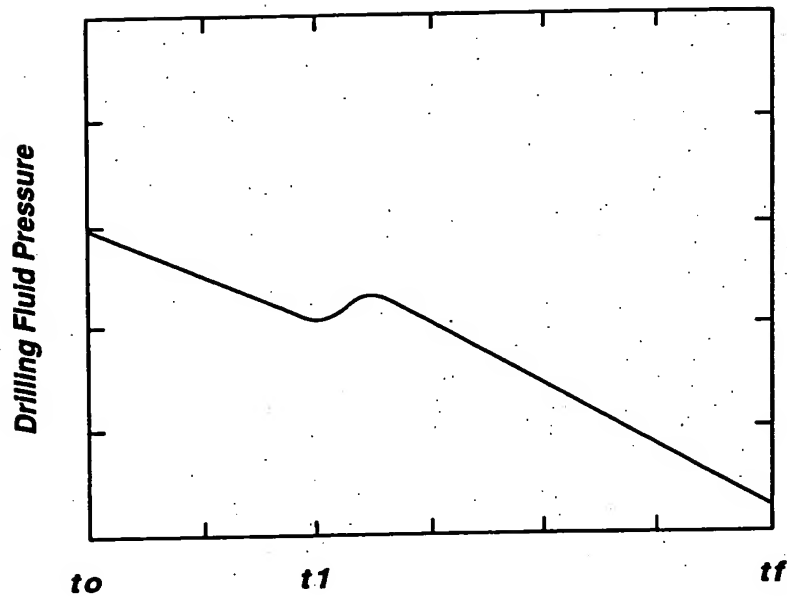
TITLE: EXPANDABLE REAMER APPARATUS FOR ENLARGING  
BOREHOLES WHILE DRILLING AND METHODS OF USE

Inventor: Radford et. al.

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**FIG. 13**

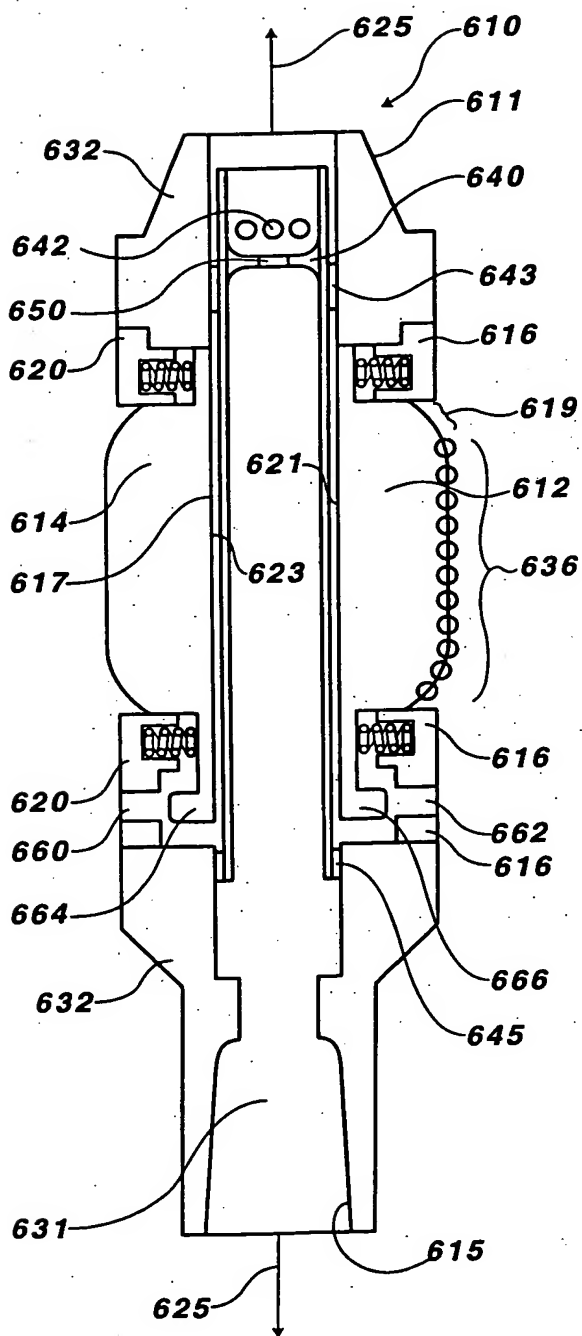


FIG. 14A

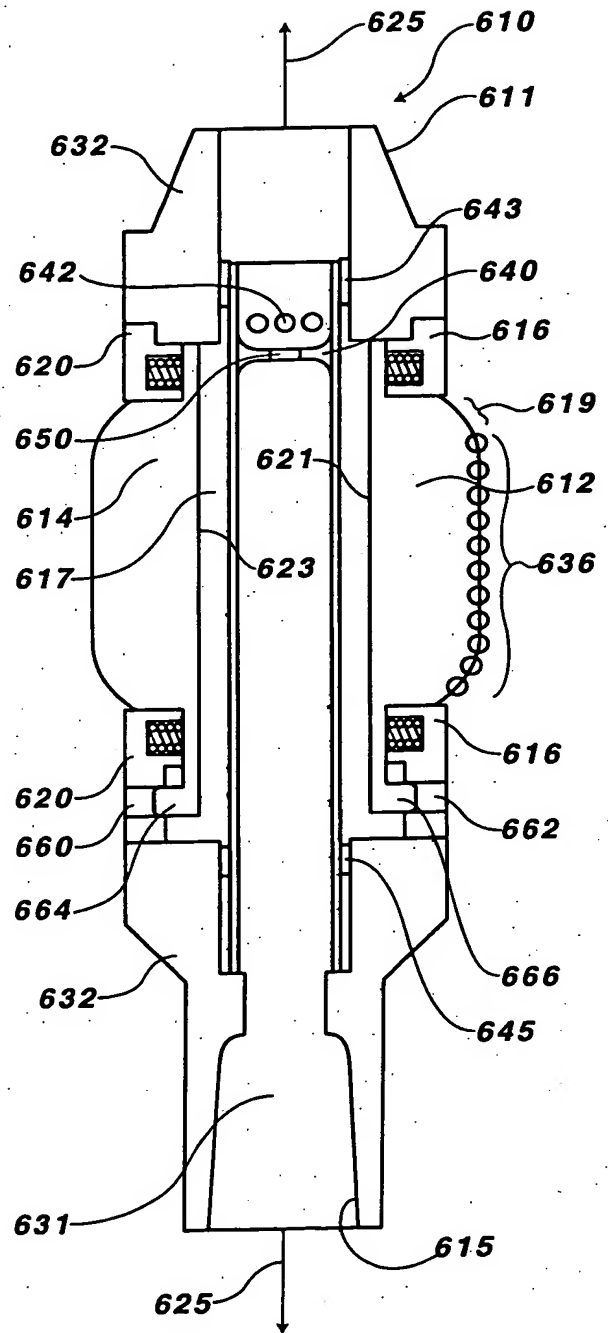


FIG. 14B